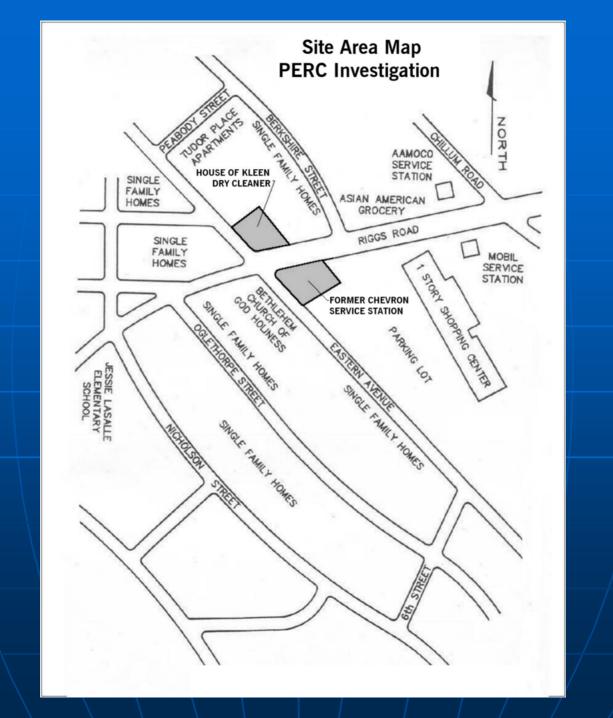
Chillum PERC Site

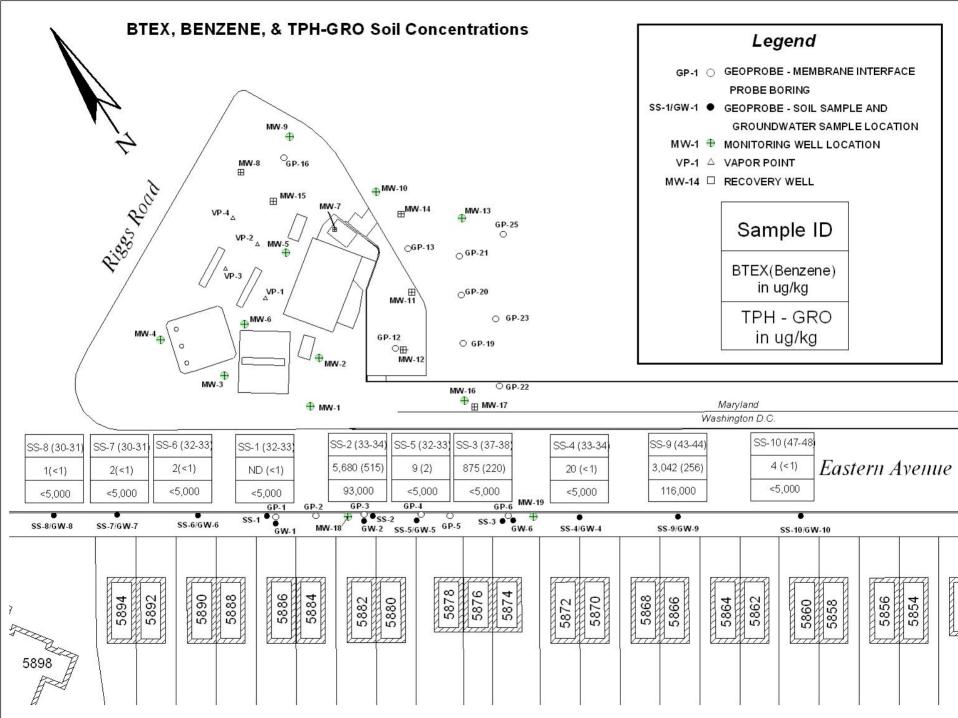


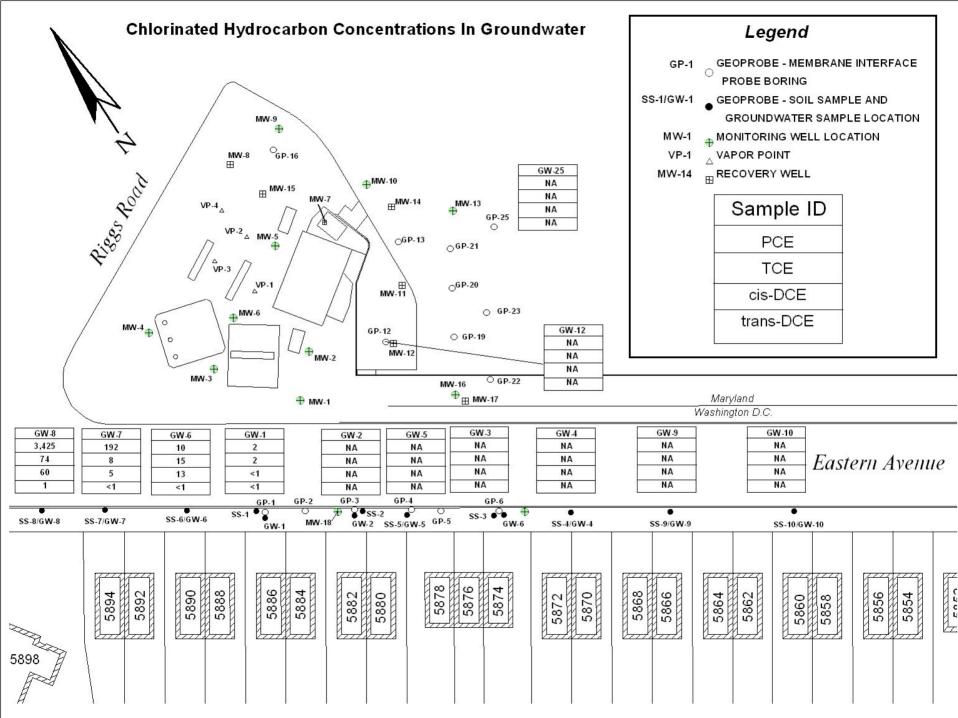


National Community Involvement Conference June 29, 2006







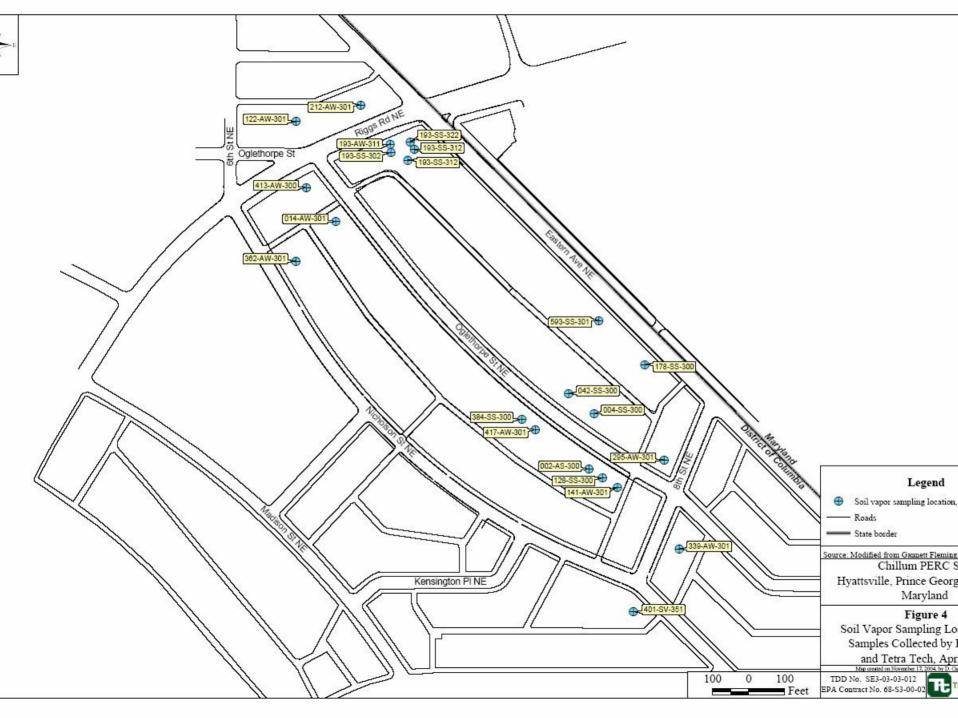


Passive Soil Gas

December 2002



Active Soil Gas



Tedlar Bags























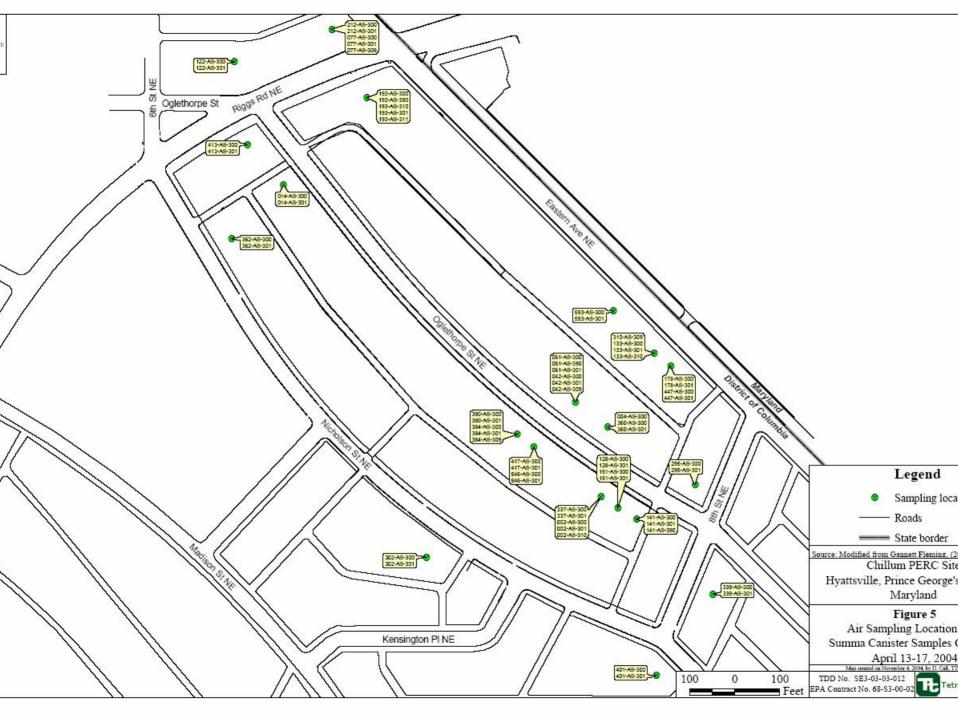
Indoor Air Sampling

Indoor Air Sampling

- EPA collected an indoor air sample from one of the two houses whose soil vapor samples exceeded EPA's screening level for short term risk.
- An indoor air sample was also collected from the adjoining residence since both residences were constructed on a shared foundation slab.
- EPA interviewed residents and physically inspected the residences for the presence of household products that could be a source of chemical vapors.

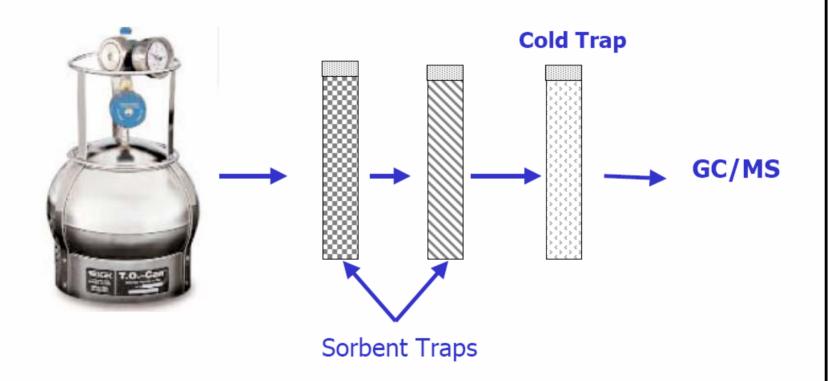
Summary of Indoor Air Sampling Results

- PERC was not detected above detection limits in any sample (1 part per billion or 6.8 ug/m³)
- Benzene and toluene detected at one location at 1 ppbv (3.3 and 3.8 µg/m³, respectively)
- Benzene and toluene were well below any action level and below a level that is frequently found in the background.



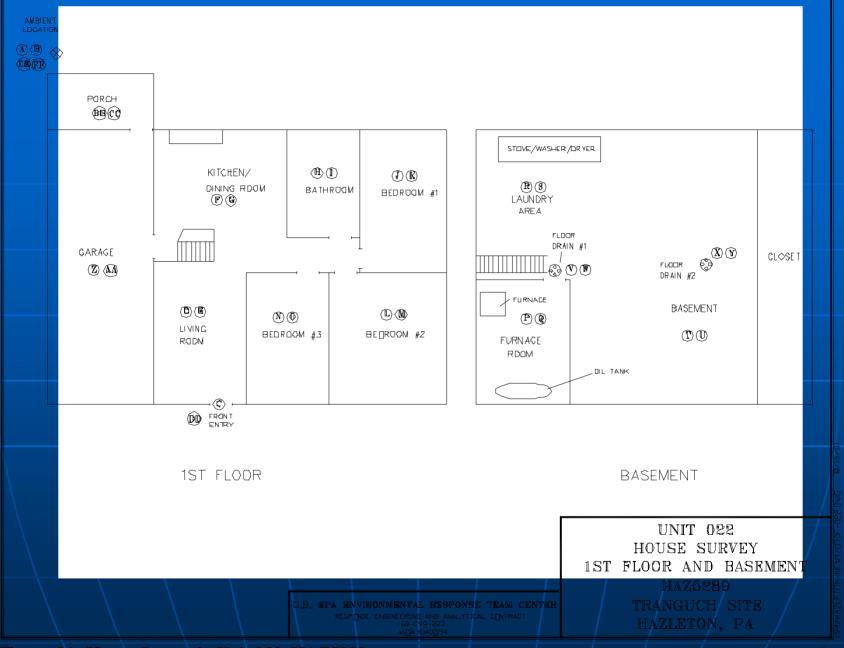








Trace Atmospheric Gas Analyzer Mobile Laboratory



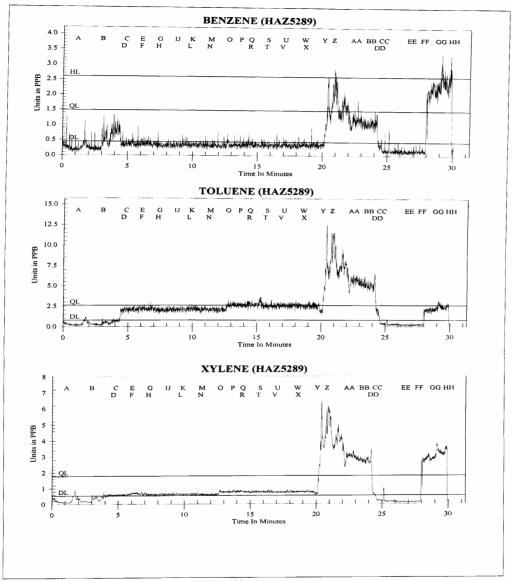
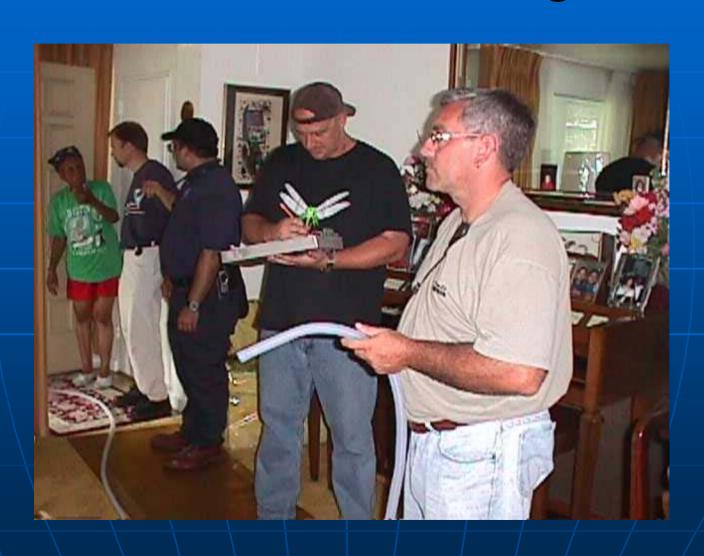


Figure 36c Benzene, Toluene, and Xylene in Unit 022

TAGA Screening







Results

- Groundwater Results
- Soil Vapor Results
- Drinking Water Results
- Indoor Air Results
 - TAGA
 - Summa Canister Samples

Groundwater Results

- Six Samples Collected (Superfund)
 - No PERC detected

Soil Vapor Results

- 13 Samples Collected
 - Six Samples with PERC detected
 - Four of which found above EPA screening levels (310 ug/m3)
 - These levels range from 440 to 2100 ug/m3

Drinking Water Results

- Three Samples Collected
 - No PERC detected
 - Also no Benzene, Toluene, Ethylbenzene, Xylene, or MTB detected

Indoor Air Results

- 46 TAGA Screenings
 - One of which found above EPA action level of 31 ug/m3
 - That sample detected at 51 ug/m3
 - EPA suspects an indoor air source (dry cleaning).

Indoor Air Results cont...

- 46 Canister Samples Collected
 - One of which found above EPA action level of 31 ug/m3
 - That sample detected at 41 ug/m3
 - EPA suspects an indoor air source (dry cleaning).

Community Involvement





PERC INVESTIGATION UPDATE

EPA has completed two rounds of testing soil vapor and indoor air in the community of Lamond-Riggs. The purpose of the testing was to find out if there are any high levels of dry cleaning fluids or PERC in the soil vapor or air.

The latest round of testing for PERC was taken in April 2004. Previous tests were taken in the summer of 2003. The two rounds of testing will be compared for seasonal variations (cold season versus warm season).

Next Steps:

As soon as the test results are ready, the EPA Project Manager for the PERC investigation will schedule individual appointments with residents to discuss the results of the spring 2004 tests.

To confirm that there are no high levels of PERC in indoor air, EPA will re-test a small number of homes that were tested in April 2004. Re-testing these homes will address sampling issues encountered during the April testing activities. EPA plans to do the re-testing this winter and will contact the homeowners to schedule a convenient time to complete the testing.

CHEVRON GASOLINE SPILL INVESTIGATION UPDATE

The results of Chevron's spring 2004 testing of 22 residential properties and 33 permanent groundwater monitoring wells have been validated. The groundwater monitoring wells have detected levels of MTBE in the shallow groundwater that exceed EPA's action level.

Because of the levels of MTBE in the shallow groundwater, EPA has ordered Chevron to test indoor air at the 22 homes, and at additional homes on Nicholson Street, to make sure that no unsafe levels of vapors are getting into the homes. These homes were selected based on the water table and shallow MTBE plume maps developed by the Army Corps of Engineers (ACOE).

The EPA will not test the indoor air of 68 properties that were tested in 2002 because the results in soil vapor do not exceed EPA's limits for gasoline contaminants.

The spring 2004 tests were taken mostly in houses along Nicholson Street and a small portion of Oglethorpe Street, and on 8th Street

(CONTINUED ON PAGE 3)

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